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CIVIL SERVICE COMMISSION.

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COMPETITION

FOR

DETSHIPS IN THE ROYAL NAVY,

June, 1896.

GULATIONS, EXAMINATION PAPERS, AND TABLE OF MARKS.

LONDON:
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BY HARRISON AND SONS, ST. MARTIN'S LANE,
PRINTERS IN ORDINARY TO HER MAJESTY.

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1896.

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GREAT BRITAIN

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CONTENTS.

	Page.
REGULATIONS, &c...	3
EXAMINATION PAPERS	8
TABLE OF MARKS..	23

ROYAL NAVY.

Regulations respecting Naval Cadets.

For the Information of Candidates.

1. Appointments to Naval Cadetships will be made by limited competition, with the under-mentioned exceptions :—

Four Cadetships given annually to sons of gentlemen in the Colonies, on the recommendation of the Secretary of State for the Colonies.

Service Cadetships, the total number of which is not to exceed five in any one year. Service Cadets will be selected by the Board of Admiralty from (*a*) sons of officers of the Army, Navy, or Marines who have been killed in action, or who have been lost at sea on active service, or killed on duty, or who have died of wounds received in action or injuries received on duty within six months from the date of such action or injury ; (*b*) sons of officers of the Navy who have performed long or distinguished service, and who hold or have held rank or relative rank on the Active List not lower than that of Commander. Not more than two such latter Service Cadets will be nominated annually.

Applications for Service Cadetships should be addressed to the Military Secretary, Horse Guards, if the candidate is the son of an officer of the Army ; to the Secretary of the Admiralty, if the candidate is the son of an officer of the Navy or Marines ; and to the Military Secretary, India Office, if the candidate is the son of an officer of the Indian Army.

Colonial and Service Cadets will be entered on passing the test examination as specified in paragraphs 9 and 10, and will in all other respects be subject to these Regulations.

The educational examination of all candidates will be conducted by the Civil Service Commissioners (address Cannon Row, Westminster), who will deal with all questions connected with such examination, and will announce the results. A fee of £1 will be required from each candidate.

2. Except in special circumstances, not more than one-third of the number of candidates actually presenting themselves before the Civil Service Commissioners will be entered.

3. All nominations of candidates for Naval Cadetships are made by the First Lord with the exception of a limited number which are at the disposal of individual members of the Board, and of the Secretaries to the Board of Admiralty.

A Flag Officer or a Commodore 1st Class appointed to the chief command of a station, or to a separate command, and a Captain, on first appointment as such to the command of a ship, will be allowed to nominate one candidate, provided the privilege is exercised within six months of appointment, and that the candidate is not less than 12 years of age when nominated. The examination of candidates will not take place until they are eligible by age under Clause 6.

No Captain will be entitled to nominate more than one candidate during the time he holds the rank of Captain, but a Flag Officer or a Commodore 1st Class may claim the privilege each time he is appointed to a command as above.

In the event of a candidate's nomination being cancelled before he has commenced the examination, the Officer who nominated him will be allowed to select another candidate for the same or following examination.

4. The nominations will be made half-yearly, as soon as convenient after the Report of the last examination has been received from the Civil Service Commissioners.

5. The examinations will be held in London and at Portsmouth, and will commence on the second Tuesday in June and the first Tuesday in December in each year, and the appointments will date from the 15th July and 15th January following respectively.

6. No candidate will be eligible for the June examination who is under 13½ or over 14½ years of age on the 15th July following ; nor for the December examination who is under 13½ or over 14½ years of age on the 15th January following.

7. Every candidate must be in good health, and free from any physical defect of body, impediment of speech, defect of sight or hearing, and also from any predisposition to constitutional or hereditary disease or weakness of any kind, and in all respects well developed and active in proportion to his age. Before being examined by the Civil Service Commissioners he will be required to pass the medical examination according to the prescribed regulations, and must have been found physically fit for the Navy; rejection at such examination will finally exclude him from the Navy.

8. The candidate will be required to produce (1) a Registrar's certificate of the date of his birth, or a declaration thereof made before a magistrate (*a certificate of Baptism will not be accepted*); (2) a certificate of good conduct from the masters of the school or schools at which he may have been educated during the two previous years, or, if educated at home, from his tutor or the clergyman of the parish in which he resides; and (3) proofs of good health.

	Marks.
9. Candidates will be tested by examination in the following subjects:—	
i. Arithmetic: including proportion, vulgar and decimal fractions	250
ii. Algebra: including fractions, simple equations and problems, and quadratic equations of one unknown quantity	200
iii. Geometry: Euclid, Book I., with exercises and questions ..	200
iv. English: handwriting, dictation, reading with intelligence, and composition	150
v. French: translating French into English, and English into French; grammatical questions, speaking, and dictation .. (No dictionary will be allowed, but the equivalents of the less usual words in either language will be given.)	250
vi. Scripture	100

Candidates will be required to obtain half marks in arithmetic, and 40 per cent. in each of the other subjects.

Candidates will be further examined in—

vii. Mathematics: harder questions in arithmetic, algebra, and geometry, as above defined	300
viii. Latin: translation, grammar, and prose composition .. .. (No dictionary will be allowed, but the equivalents for the less usual words will be given.)	300
ix. Geography: including the subjects treated of in Grove's Primer, and an elementary knowledge of the principal places in the British Isles and dependencies	150
x. *English history: a short selected period	150
xi. Drawing, freehand and simple rectangular model	100

The final order of merit will be determined by the sum of the marks obtained in the test and in the further examination.

10. Colonial and Service Cadets will be appointed on passing the test examination; they must, however, obtain not only the proportion of marks in arithmetic and the other test subjects required from the candidates who compete, but also an aggregate of not less than 660 marks in test subjects.

11. A candidate who passes the test examination, but does not succeed in the competition, will be entitled to compete at the next examination, provided he is within the limits of age at that time. No candidate will be allowed to compete more than twice. A candidate who fails to pass the test will not be entitled to another trial, but he will be allowed to compete at the next examination if he receives a fresh nomination and is still within the limits of age.

12. A candidate who, owing to illness, fails to appear at the examination for which he has obtained his nomination may receive a second nomination, provided he is still within the limits of age.

13. For all Cadets entered under these regulations, the payment will be at the rate of £75 per annum for the period in the "Britannia," to be paid half-yearly in advance to the Cashier of the Bank of England, on receipt of claim from the Accountant-General of the Navy. But the Lords Commissioners of the Admiralty reserve

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* "Gardiner's Outlines of English History" (Longmans) has been selected as the present text book for Examination in English History. The subject will be divided into periods, as follows:—

1st Period from the earliest times to A.D. 1603.
2nd Period from A.D. 1603 to 1820.

The first period being set at the Examination held in December, and the second period at that held in June of each year.

the power of selecting, from among the Cadets entered at each half-yearly examination, a number, not to exceed eight, being sons of officers of the Navy, Army, or Marines, or of Civil Officers under the Board of Admiralty, with respect to whom the annual payment will be £40 only. In this selection their Lordships will have regard solely to the pecuniary circumstances of the Cadet.

Applications for the Reduced Scale must be received at the Admiralty not later than 10th August and 10th January following the June and December examinations respectively.

14. In addition to the annual payments mentioned in the foregoing paragraph, the parent or guardian will be charged with the personal expenses incurred by the Cadet for washing, repairing boots and clothes, hair cutting, pocket-money, &c.

15. The period of training on board the "Britannia" will be four terms; there will be two terms in each year. The first term of each year will be from February to July, the second from September to December.

The vacations will be five weeks at Christmas, two weeks at Easter, and six weeks at Midsummer.

16. (*a*) Examinations in Seamanship and Study will be held at the end of each term.

(*b*) Cadets who pass an unsatisfactory examination at the end of either of the first three terms will be "warned," and they will be liable to be discharged at the end of the following or any subsequent term should they again be reported as failing to obtain the proper number of marks.

The requisite standard of marks to be 40 per cent. in the Mathematical subjects, and also in the total.

(*c*) Cadets who fail at the final examination to obtain 45 per cent. in the Mathematical subjects, including the Theory of Navigation and Nautical Astronomy, and 40 per cent. in the Technical subjects, combined with Physics and French, will be ordered to be withdrawn.

(*d*) Cadets reported to the Admiralty for unsatisfactory conduct, or who fail to obtain half marks in seamanship, will be "warned," and should they be again reported or again fail to pass in seamanship, they will be discharged. Any Cadet, however, who is reported for unsatisfactory conduct during his final term will be discharged without being allowed to present himself at the examination for passing out of the "Britannia."

(*e*) Any Cadet who shall at any time appear to their Lordships to be unfit for the Naval Service, for any reason whatever, will be removed from the "Britannia," and it must be understood that this rule will apply to those who are considered unfit from insufficient physical development or weakness of constitution, although no actual organic disease may have been developed.

17. It is to be distinctly understood that the period of training on board the "Britannia" is a time of probation, and the parent or guardian of every Cadet will be required to sign a declaration (on the admission of the Cadet to the "Britannia"), to the effect that he shall be immediately withdrawn on the receipt of an official intimation of his being considered unfit for the Navy.

18. Cadets will, on passing out of the "Britannia," rank according to the amount of sea time (as laid down in Article 286 of the Queen's Regulations and Admiralty Instructions, 1893) they obtain at their final examination, and those who obtain equal amounts of sea time will rank in the order of merit in which they pass out of the "Britannia."

19. The parent or guardian of every Cadet will be required to provide outfit under the regulations in force.

20. No pay will be allowed by Government to Cadets in the "Britannia." The pocket money allowed to Cadets will be charged to the parents.

21. As only Cadets who are able to swim are permitted to use the boats belonging to H.M.S. "Britannia," the Lords Commissioners of the Admiralty desire to impress upon parents and guardians the importance of Cadets being taught to swim before they join the Training Ship, so as to enable them to obtain the full benefits of use of the boats.

By Command of their Lordships,
EVAN MACGREGOR

Admiralty,
June, 1895.

Time Table (Paper Work).

Days and Hours of Examination.		Subjects of Examination.
Tuesday, 9th June	10 A.M. to 12 noon ..	Arithmetic.
	1.30 P.M. to 3 P.M. ..	Scripture.
	3.5 P.M.	Dictation.
	3.40 P.M. to 4.40 P.M. ..	Composition.
Wednesday, 10th ,,	10 A.M. to 11.30 A.M. ..	Algebra.
	11.35 A.M. to 1.5 P.M. ..	Geometry.
	2.30 P.M. to 4.30 P.M. ..	French (including Dictation).
Thursday, 11th ,,	10 A.M. to 12 noon ..	Drawing.
	1.30 P.M. to 3 P.M. ..	Geography.
	3.5 P.M. to 4.35 P.M. ..	History.
Friday, 12th ,,	10 A.M. to 12.45 P.M. ..	Mathematics.
	2 P.M. to 4 P.M... ..	Latin.

If from any cause it should be found impossible to adhere to the precise times set down in this time table, care will be taken that the Candidates are allowed the full time for each paper.

Candidates are expected to bring their own mathematical instruments. Candidates who take up Freehand Drawing must bring their own drawing pencils, brushes, and india rubber; but all other necessaries will be supplied to them by the Commissioners.

ORAL EXAMINATION.

The Oral Examinations in English and French will take place on Wednesday, Thursday, Friday, and Saturday. Each Candidate will receive the necessary instructions as to his Oral Examination from the Superintendents of the room, and no Candidate should leave the room, either in the morning or afternoon of any of those days, until he has been orally examined or told that he will not be required.

N.B.—*Candidates failing to attend punctually will forfeit their right to be examined.*

Notices.

1. Candidates must, before proceeding to the Examination Rooms, leave, in a room provided for the purpose, their hats, overcoats, umbrellas, and any books, papers, or other appliances the use of which is not expressly granted to them.

2. Candidates are not allowed to bring rulers into the Examination Room. When necessary, round rulers will be provided by the Commissioners.

3. No Candidate may quit the Examination Room until the expiration of half an hour from the time fixed for the commencement of the paper on which he is engaged.

4. No Candidate who has left the Examination Room during the hours assigned to paper work may return to the paper which he has quitted without special permission obtained before he leaves the room. In such cases the Commissioners will decide whether marks can be allotted.

5. Perfect silence must be preserved in the Examination Room; and any Candidate guilty of disorderly or improper conduct in or about the Room will be liable to exclusion from the Examination.

6. Any Candidate detected in the Examination Room in the possession of a book, manuscript, or other article, from which he might derive irregular assistance, or in copying from the papers of any other Candidate, or in permitting his own papers to be copied, or in giving or attempting to give, or in obtaining or attempting to obtain, assistance of any description, will be thereby disqualified, will be reported to the Admiralty accordingly, and will not be admitted to any subsequent Examination held under the directions of the Civil Service Commissioners.

7. Each Candidate will be designated by the Number assigned to him on the Order for Examination, and he must write this Number (not his Name) on every book or separate sheet of paper which he sends in.

8. Any Candidate who is dissatisfied with the pens, ink, or paper supplied to him is requested to apply to the Superintendent of the Examination Room; but those who prefer any particular kind of pen are recommended to bring it with them.

9. Candidates will be informed by letter from this Office of the place which they obtain in the Examination. The Commissioners do not give such information by telegraph, nor do they give any particulars in anticipation of, or in addition to, the ordinary notices sent to all Candidates alike.

No information can be given to any persons but Candidates.

Examination Papers.

ARITHMETIC.

(Including Proportion, Vulgar and Decimal Fractions.)

[*You are requested to send up the* working *as well as the answers. Arithmetical methods of solution will be required.*]

1. Write down in figures the two following numbers:—(*a*) twenty millions fifteen thousand and five; (*b*) twenty thousand and ten. What is the least number, that must be added to the first of these two numbers, to make it exactly divisible by the second?

2. Find the value of 150 articles, at £1. 15*s.* $8\frac{1}{4}d.$ each.

3. A man takes 120 steps a minute, and each step is 30 inches long. What time will he take to walk a distance of 10 miles 3 fur. 34 po. 3 yds.?

4. Divide 1 ton 13 cwt. 1 qr. 2 lbs.—(*a*) into 27 equal parts: (*b*) into two parts, one of which shall exceed the other by 15 cwt. 2 qr. 17 lbs.

5. A train is travelling at the rate of 45 miles an hour: how many more feet does it pass over in a second than another train, whose speed is 30 miles an hour?

6. Simplify

$$\frac{2\frac{1}{4} - \frac{1}{3} \text{ of } 2\frac{1}{4}}{(2\frac{1}{4} - \frac{1}{3}) \text{ of } 2\frac{1}{4}} + \frac{3}{3 + \frac{1}{1 - \frac{3}{5}}}.$$

7. Reduce 1·1625 of a £ + 3·16 of a guinea to the decimal of half-a-crown.

8. Divide 2·5 by ·0125, and ·025 by 1250.

State and explain the rule which determines the position of the decimal point in the quotient.

9. If $\frac{5}{7}$ of a ship be worth £40000, what will be the value of $\frac{3}{8}$ of the ship?

10. A and B have together £2. 18*s.*; B and C have together £1. 18*s.*; C and A have together £1. 11*s.*: how much has each separately?

(*Note carefully that no algebraical method may be employed.*)

11. Convert $\frac{1}{7}$ into a circulating decimal. Show that your working gives you also the circulating decimals that are equivalent to $\frac{2}{7}$, $\frac{3}{7}$, $\frac{4}{7}$, $\frac{5}{7}$ and $\frac{6}{7}$: and write these down. Express 1 and $\frac{1}{10}$ in the form of circulating decimals.

12. There are three numbers. The G.C.M. of each pair is 17, and the L.C.M. of all three is 29172. What is the product of the numbers? Give your reasons.

ALGEBRA.

(Including Fractions, Simple Equations and Problems, and Quadratic Equations of one unknown quantity.)

[*You are requested to send up the* working *as well as the answers.*]

---

1. Find the value of

$$\frac{a^2(b-c)+b^2(c-a)+c^2(a-b)}{(b-c)(c-a)(a-b)}$$

when $a=4$, $b=-3$, $c=1$.

2. If $y=x-2$, prove that

$$x^3-6x^2+7x-5=y^3-5y-7.$$

3. Resolve each of the following into two simple factors :—

(i.) $3x^2 - 10x + 3$,
(ii.) $a^2 - b^2 - 2b - 1$.

4. Find the highest common factor and the lowest common multiple of

$$4x^3 - 3x + 1, \quad \text{and} \quad 16x^3 - 12x^2 + 1.$$

5. If $x - 2$ will divide $x^4 - ax + 4$ without a remainder, what is the value of a?

6. Simplify

$$\frac{\left(\frac{1}{a^2} + \frac{1}{b^2} - \frac{1}{c^2} + \frac{2}{ab}\right) abc}{\frac{1}{a} + \frac{1}{b} + \frac{1}{c}}.$$

7. Solve the equation

$$\frac{3x-1}{7} + \frac{6-x}{4} - \frac{2x-4}{12} = 2 - \frac{x+2}{28}$$

8. Find two values of x which satisfy the equation

$$\frac{2x+4}{x-1} - \frac{7-2x}{x} = 4\tfrac{2}{3}.$$

9. Find x and y from the equations

$$\frac{3x-4y}{24} = \frac{4x-3y}{11} = y - x - 1.$$

10. A trader begins business with a certain capital. The first year he spends £100. on himself, and at the end of the year finds that the rest of his capital has increased by one-third. At the end of the second year, after again spending £100. on himself, he finds that the capital with which he began the second year has (in a similar manner) increased by one-third, and that he now has £1466. 13*s.* 4*d.* How much had he to begin with?

11. What expression containing no power of x above the first must be added to $x^4 + 4x^3 + 10x^2 + 3$ in order to make it a complete square?

GEOMETRY.

(Euclid, Book I., with exercises and questions.)

[*Ordinary abbreviations may be employed, but the method of proof must be geometrical. Where letters are given in the questions, the same letters must be used in your answers. Proofs other than those of Euclid's must observe Euclid's sequence of propositions.*]

1. Define a *scalene*, an *obtuse-angled*, and an *acute-angled* triangle.

   In which Proposition is it first shown that a triangle cannot have both a right angle and an obtuse angle ?

2. From a given point E draw a straight line equal to a given straight line LM.

3. In the triangles PQR, LMN, if the side PQ is equal to the side LM, and the side PR is equal to the side LN, but the angle QPR greater than the angle MLN ; show that the side QR is greater than the side MN.

4. Prove that triangles on equal bases and between the same parallels are equal to one another.

   O is any point in PR the diagonal of a parallelogram PQRS ; show that the triangle POQ is equal to the triangle POS.

5. If ABC be a triangle and B a right angle, prove that the squares on AB and BC are together equal to the square on AC.

   If the square on BC be equal to three times the square on AB, show what sort of triangles can be made by putting together ABC and an exactly similar triangle.

6. A is a point in RT, and B a point in RS, two sides of a triangle RST. If the straight lines AS, BT cut one another in the point C, show that BR and RA are together greater than BC and CA.

DICTATION.

The Ambassador was indeed illiterate as to the grammar of any language or the principles of any science ; but he had a perfect understanding of the Spanish, French, and Italian languages. He had raised by his own virtue and industry a very fair estate, and though the revenue which he derived from it did not exceed above four thousand pounds by the year, yet he had four very good houses, and three parks, the value whereof was not reckoned into that computation. He lived very nobly, well served and attended in his house ; had a better stable of horses, better provision for sports (especially of hawks, in which he took great delight), than most of his quality, and lived always with great splendour ; for though he loved money very well, and did not warily enough consider the circumstances of getting it, he spent it well all ways but in giving, which he did not affect. He was of an excellent humour, and very easy to live with ; and, under a grave countenance, covered much mirth, and caused more than any man of the most pleasant disposition. He never used anybody ill, but used many very well for whom he had no regard ; his great fault was, that he could dissemble, and make men believe that he loved them very well, when he cared not for them. He was heartily weary of the world, and no man was more willing to die ; which is an argument that he had peace of conscience. He left behind him a greater esteem of his parts, than love to his person.

SUBJECTS FOR ENGLISH COMPOSITION.

[*You should pay attention to your spelling, punctuation, grammar, and style. Your composition should fill at least two pages, but it will be valued according to the quality rather than the quantity.*]

Write an essay on *one* of the following subjects :—

The Muzzling of Dogs.

Or,

(In the form of a letter to a friend,)

The British Parliament, how its members are elected, and what are their duties.

Or,

The Sights of London or any great city known to you.

FRENCH.

I.

Translate into English:—

Un matin que Napoléon et Alexandre, alors réunis à Erfurt, étaient allés faire une promenade dans l'intérieur du parc ; en rentrant au palais, Napoléon, qui avait passé familièrement son bras sous celui de son hôte, s'arrête devant le grenadier de sa garde, qui, posé en faction (*on sentry*) au pied du grand escalier, leur présente les armes. Napoléon regarde un moment ce soldat en secouant la tête avec orgueil, et fait remarquer au Czar, son visage orné d'une cicatrice qui part du front et descend jusqu'au milieu de la joue.

"Que pensez-vous, mon frère, lui dit-il alors, de soldats qui survivent à de pareilles blessures ?"

"Et vous, mon frère," répond Alexandre, "que pensez-vous des soldats qui les font ?"

"Ils sont morts, ceux-là ! . . ." murmura le factionnaire d'une voix grave, mais sans rien perdre de son immobilité.

Cependant, Alexandre, que la réponse de ce factionnaire avait un moment embarrassé, dit à Napoléon :

"Mon frère, ici, comme ailleurs, la victoire vous reste."

"Mon frère, c'est qu'ici, comme ailleurs, mes grenadiers ont donné," dit encore Napoléon.

Et, en s'éloignant, il fit un geste de remerciement au vieux soldat, qui ne détourna même pas les yeux.

II.

Translate into French :—

A villager saddled his horse to ride to the nearest town. Before mounting he had noticed that a nail was missing from one of the horse's shoes (*fer*). "Well," said he, "a nail more or less will not matter," and he set off. Soon after starting the horse lost its shoe. "If there was a farrier (*maréchal*) hereabouts," said he, "I would have my horse shod (*ferrer*), but as there is not one, he will go along very well with the three shoes left to him." However, the animal hurt itself on the stony road, and began to limp. Further on, two thieves rushed from behind a thick coppice (*taillis*) to rob the man. Mounted on a lame horse, it was impossible for him to escape; the thieves caught him, and took his horse, with the bridle, the saddle, and the valise.

As he returned home on foot, dismounted and robbed, he said sadly, "Never would I have thought that for want of a nail I should lose my horse."

III.

Grammatical Questions.

1. In what cases are the masculine pronouns *mon, ton, son* used instead of the feminine *ma, ta, sa?* Give examples.

2. Write out the adverbs corresponding to the following adjectives :—Amer, Commun, Faux, Gentil, Naïf, Patient.

3. Write in French :—I have just seen your father. He will come in half an hour. I saw by the roadside the village children. What shall I do? I am waiting for somebody. This tower is more than two hundred feet high.

DICTATION.

Deux serviteurs se trouvèrent un jour par hasard près d'un bois; l'un portait un sac de farine, l'autre une boîte contenant une grande somme d'argent. Le dernier,

fier de son fardeau, marchait tête levée, et se vantait de son importance. "Misérable esclave de meunier, sors du chemin," dit-il à l'autre. "Ne vois-tu pas que je porte un trésor?" "Un trésor!" dit tranquillement le premier; "je vous en fais mon compliment; je n'ai jamais eu cet honneur là, je vous assure; la farine est ma charge ordinaire." Dans ce moment ils sont attaqués par une bande de voleurs, qui tombent sur le vantard qui portait l'argent, lui enlèvent son trésor, et laissent passer l'autre et sa charge. "Frère," dit le domestique de meunier, "où est à présent votre trésor? Vous êtes plus pauvre que moi. Apprenez que les grands postes sont souvent dangereux pour ceux qui les possèdent; si, comme moi, vous n'aviez porté que de la farine, vous auriez pu voyager en sûreté. L'objet qui nous inspire de l'orgueil est souvent la cause de nos malheurs."

SCRIPTURE.

[*There are* twelve *questions in this paper.*]

(*Only* eight *questions to be answered.*)

1. Give the meaning of the following names in Genesis, and state the occasion on which they were given:—Jehovah-jireh, Beer-sheba, Beth-el, Mahanaim, Peniel, and Succoth.

2. Describe Moses' Vision of the Burning Bush. What was its object?

3. Write a short account of either Joab *or* Jeremiah.

4. Describe the Year of Jubilee, and its benefits, *or* the Fast on the Day of Atonement.

5. Give, as much as possible in the words of the Evangelist, our Lord's testimony to John the Baptist, and John's testimony to our Lord.

6. What is meant by "corban"? On what occasion is it mentioned?

7. What cities did our Lord denounce, and why?

8. What miracles were wrought by St. Paul?

9. What Centurions are mentioned in the New Testament, and on what occasions?

10. State what you know of Timothy and Titus.

11. What is recorded to have happened at the following places:—The Pool of Siloam, Troas, Joppa, Philippi, and Mars' Hill?

12. What does St. Paul tell us of his sufferings for Christ, and why did he appeal to Cæsar? State what lessons may be learned from the example of St. Paul.

ELEMENTARY MATHEMATICS.

[*The working of the questions should be as neat as possible. You are requested to send up the* working *as well as the* answers.]

1. If an ounce of standard gold be worth £3·89375, how many sovereigns can be coined out of 20 lbs. Troy of gold, and what is the weight of one sovereign in grains (to two places of decimals)?

2. A and B can mow a field in $6\frac{2}{3}$ days; B and C in 5 days; and A, B and C in $3\frac{3}{4}$ days. How long would A and C take to do it?

3. A room which is 8 yds. 1 ft. $0\frac{1}{2}$ in. long and 6 yds. 1 ft. $10\frac{1}{2}$ in. wide costs £2. 4*s*. 11*d*. to paper with paper 27 in. wide costing 3*d*. a yard. What is the height of the room?

4. Reduce $\dfrac{9x^3 - 7x + 2}{6x^3 - x^2 + 4x - 4}$ to its lowest terms.

5. Simplify $\dfrac{2}{x^2 - 4} - \dfrac{3}{4x^2 - 7x - 2} - \dfrac{5}{4x^2 + 7x - 2}$.

6. If $a+b+c=0$, prove that

$$a^3+b^3+c^3+3(a+b)(b+c)(c+a)=0,$$

and

$$a(b+c)(b^2+c^2-a^2)+b(c+a)(c^2+a^2-b^2)+c(a+b)(a^2+b^2-c^2)=0.$$

7. Solve the equation $\dfrac{a-b}{x+c}=\dfrac{a}{x-a}-\dfrac{b}{x-b}$.

8. What are the values of x and y which satisfy the following equations?

$$\frac{3x-5y}{2}+2=\frac{2x+y}{5},$$

$$5\tfrac{1}{3}-\frac{x-2y}{4}=\frac{x}{2}+\frac{y}{3}.$$

9. Find all the values of x which satisfy the equation

$$\frac{1}{x+5}+\frac{1}{x+3}+\frac{1}{x-3}+\frac{1}{x-5}=-\frac{x}{3}.$$

10. A man, starting at 10 A.M., walks from A to B, a distance of 21 miles; after resting an hour, he drives back four times as fast as he walked, arriving home at 6.30 P.M. What was his rate of walking?

11. PQR is an isosceles triangle on base QR, and lines drawn perpendicular to the sides at Q and R meet in O. Prove that (i) OP bisects QR at right angles, (ii) the angles QPR, QOR are together equal to two right angles.

12. The sides AB and AC of an isosceles triangle are produced to D and E. Find points P and Q on BD and CE, so that BQ, QP, and PC may be equal to each other.

13. ABCD is a quadrilateral. A line through C parallel to DB meets AD in E, and a line through D parallel to AC meets CB in F: show that EF is parallel to AB.

LATIN.

Translate into English :—

I.

Darius in fugâ cum aquam turbidam et cadaveribus inquinatam bibisset negavit unquam se bibisse jucundius; nunquam videlicet sitiens biberat.

Nec esuriens Ptolemaeus ederat; cui cum peragranti Aegyptum, comitibus non consecutis, cibarius in casa panis datus esset, nihil visum est illo pane iucundius. Socratem ferunt, cum usque ad vesperum contentius ambularet, quaesitumque esset ex eo, quare id faceret, respondisse se, quo melius cœnaret, opsonare ambulando famem. Quid? victum Lacedaemoniorum in philitiis nonne videmus? ubi cum tyrannus cœnavisset Dionysius, negavit se iure illo nigro, quod cœnae caput erat, delectatum. Tum is, qui illa coxerat: 'minime mirum; condimenta enim defuerunt.' 'Quae tandem?' inquit ille. 'Labor in venatu, sudor, cursus ad Eurotam, fames, sitis; his enim rebus Lacedaemoniorum epulae condiuntur.'

inquinatus, *fouled.*
cibarius, *coarse.*
opsono, *I provide.*
victus, *diet.*
philitia, *public meals.*

II.

Vicinus meus est, manuque tangi
De nostris Novius potest fenestris.
Quis non invideat mihi putetque
Horis omnibus esse me beatum,
Juncto cui liceat frui sodale?
Tam longe est mihi quam Terentianus,
Qui nunc Niliacam regit Syenen.
Non convivere, nec videre saltem,
Non audire licet: nec urbe tota
Quisquam est tam prope tam proculque nobis.
Migrandum est mihi longius, vel illi.
Vicinus Novio, vel inquilinus
Sit, si quis Novium videre nonvult.

fenestra, *window.*
sodalis, *companion.*
Niliacus, *on the Nile.*
inquilinus, *a resident.*

III.

1. In passage I. give reasons for the cases of *pane, jure, cœnæ,* and for the moods of *ambularet, faceret, cœnaret,* and parse *ambulando, venatu* : in passage II. give reasons for the cases of *sodale, urbe, illi,* and for the moods of *invideat, liceat, nonvult.*

2. Give the meaning, the gender, and the genitive singular of *as, æs, aër ; tergus, tergum ; lātus, lăter ; funus, funis :* compare *arduus, maturus, nequam, malevolus :* and give the meanings and chief parts of *ĕdo, ēdo ; condo, condio ; tendo, tundo, tondeo ; cædo, cædo, cedo ; occĭdo, occīdo.*

3. Mention, with their meanings, the Prepositions that are joined with the Ablative ; and explain exactly the formation and meaning of the so-called Future Infinitive Passive *amatum iri.*

4. Explain briefly what is meant by Sequence of Tenses. In connection with your answer, show also how Purpose and Consequence, positively and negatively, are expressed, and make four little sentences by way of illustration.

IV.

Translate into Latin :—

The battle was fought with the very greatest courage and firmness on both sides, but by the will of Jupiter the Trojans conquered. Only the approach of night prevented Hector from setting the Greeks' ships on fire. The Greeks were cooped up within their entrenchments, while the Trojans bivouacked on the open plains, and hoped that on the following day they would utterly destroy their foes, unless indeed they might escape during the night. Agamemnon, distressed by what had happened, and fearing what still might happen, called a council to consider what was to be done.

I coop up, *includo.*
entrenchment, *munitio.*
I bivouac, *excubo.*

GEOGRAPHY.

[*Extra marks will be given for neatly drawn maps, but only so far as they are accurate.*]

1. Give an account of the climate and river systems of Australia, and explain their peculiarities as far as you can.

2. What is meant by the fall of a river-bed ? How is it usually expressed ? How does it affect the river itself and the work done by the river in the country through which it flows ?

3. State as precisely as you can the position of, and mention what gives importance to the following :— La Valetta, Perim Island, Aden, Singapore, Hong-kong, and Vancouver (town).

4. What are the two chief methods adopted for indicating on maps differences of level, and what are the advantages and disadvantages of each ? Illustrate your answer by employing both methods to represent a somewhat round or oval pointed hill with a steeper slope to the east than to the west, the same hill being drawn in both cases.

5. Draw a sketch-map of the south-east of England from the Wash to the Isle of Wight, and mark and name the rivers Witham, Ouse, Welland, Nen, Yare, Thames, and Medway ; and the towns of Boston, Stamford, Peterborough, Lynn, Norwich, Harwich, Sheerness, Brighton, and Southampton.

6. On the outline map of India mark and name the rivers Indus, Ganges, Jumna, Brahmaputra, and Godavari ; and the towns of Calcutta, Bombay, Delhi, Allahabad, Madras, Benares, and Nágpur or Nagpore.

ENGLISH HISTORY. (1603 to 1820.)

[*There are* ten *questions in this paper, of which only* seven *should be attempted.*]

1. What attitude did King James take in regard to the Thirty Years' War? What and where was the Palatinate, and how was it affected by the result of the war?

2. Give an account of the war in Scotland on William's accession and of the massacre of Glencoe.

3. Describe the main incidents in the siege of Derry, and the battle of the Boyne. Why are Orange processions held in Ireland on the 12th July?

4. Explain the cause and origin of the War of the Spanish Succession, and describe the first two great battles, with the results and the consequences of each. What were the provisions of the two Partition Treaties?

5. Give an account of the Union of England and Scotland, and state the special reasons urged at the time, for and against the measure.

6. What is the origin, and what the meaning of the term Prime Minister? Who was the first Prime Minister? Describe his policy and administration.

7. Sketch the career of Clive.

8. Give details as to the mutinies at Spithead, the Nore, and the Texel.

9. Describe Napoleon's treatment of Spain and Portugal, and Wellington's operations in the Peninsula.

10. Explain the following terms: Ship-money; Star Chamber; National Covenant; The Grand Remonstrance; Self-denying Ordinance; The New Model; Test Act; Exclusion Bill; and Act of Settlement.

FREEHAND DRAWING.

[N.B.—*The drawing must be entirely free-hand; no instrument or mechanical aid of any kind is allowed.*

In making drawings from models, or any kind of solids, you will necessarily have to deal with cross-lights; all such objects must be drawn just as they happen to be lighted.

The drawing must be executed on one side only of the paper.]

1. Make a pencil drawing in light and shade of the model supplied (*skittle*), placing it standing on its base on the desk in front of you.

2. Copy the following woodcut in pen and ink.

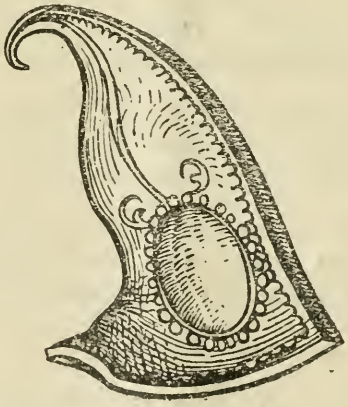

TABLE OF MARKS.

TABLE showing the results of an EXAMINATION held on the 9th June and following days in the year 1896, of CANDIDATES nominated to compete for 61 CADETSHIPS in the ROYAL NAVY.

I.—SUCCESSFUL CANDIDATES.

Number In Order of Merit.	Number In Examination.	NAME.	Locality of Examination.	Arithmetic.	Algebra.	Geometry.	English.				French.			Scripture.	Optional.					
							Handwriting.	Dictation.	Composition.	Reading.	Translation from and into.	Grammar.	Dictation and Speaking.		Mathematics.	Latin.	Geography.	English History.	Drawing.	Total.
							20	40	50	40	110	40	100							
		Maximum	... ...	250	200	200	150				250			100	300	300	150	150	100	2,150
		Minimum	... ...	125	80	80	60				100			40	—	—	—	—	—	—
1	7	Barron, J. O.	London ...	170	192	122	14	39	36	28	83	29	73	76	246	255	127	119	47	1,656
2	82	More, G. I. S.	,, ...	198	185	152	14	38	36	32	86	32	77	86	217	177	119	114	80	1,643
3	50	Gipps, G.	,, ...	194	196	166	12	35	38	32	77	31	81	72	217	195	104	127	48	1,625
4	231	Wright, J. H. S.	Portsmouth...	210	145	109	15	40	39	30	83	33	84	99	182	262	103	130	48	1,612
5	176	Gibson, I. W....	,, ...	212	166	128	12	37	33	34	77	32	73	87	214	244	87	116	58	1,610
6	17	Brandon, V. R.	London ...	197	200	170	16	40	36	31	79	18	78	67	222	186	90	120	37	1,587
7	158	Colvin, R. M.	Portsmouth...	209	195	144	10	40	44	33	77	21	64	96	238	140	120	105	50	1,586

8	5	Bailey, S. R.	London ...	178	183	96	14	38	37	25	74	19	75	97	196	260	119	98	76	1,585
9	78	Mackinnon, L. D. I.	,, ...	178	170	144	12	37	40	30	90	36	81	83	217	239	101	95	28	1,581
10	113	Wake, St. A. B.	,, ...	211	180	146	14	37	24	28	72	29	74	78	203	164	122	106	80	1,568
11	56	Harrison, G. B.	,, ...	182	197	165	8	35	36	28	82	25	76	80	228	149	95	102	55	1,543
12	168	Dinwiddy, R. G.	Portsmouth...	217	198	176	12	40	25	32	75	19	72	87	198	70	138	118	59	1,536
E13	190	Johnstone, A. T.	,, ...	208	195	149	16	36	29	27	84	40	92	89	182	122	105	95	37	1,506
14	41	Fforde, T. R.	London ...	196	135	141	10	38	32	30	76	14	67	95	158	198	100	128	54	1,475
E15	196	MacLeod K.	Portsmouth...	188	197	143	14	31	33	31	68	28	71	83	201	126	124	86	50	1,474
16	199	Murray, J. B.	,, ...	195	175	135	14	38	34	29	58	17	60	80	233	80	135	123	60	1,466
17	187	Holmes, J. C.	,, ...	184	195	142	12	29	34	30	82	25	67	60	192	131	116	112	40	1,454
18	20	Brownrigg, H. J. S.	London ...	200	173	146	10	28	33	33	73	19	75	72	224	94	103	103	60	1,446
	21	Burgess, C. S.	,, ...	220	192	124	11	37	22	33	82	25	77	79	238	16	143	77	70	1,446
20	218	Tudor, E. O.	Portsmouth...	192	178	131	14	32	26	30	72	15	84	86	198	133	85	103	62	1,441
21	143	Ford-Anderson, J. F.	,, ...	187	180	121	11	35	22	26	75	16	83	60	244	98	116	100	53	1,427
	145	Brady, G. H.	,, ...	207	154	112	16	37	33	34	83	25	81	75	16	161	106	71	68	1,427
E23	182	Hart, C. K.	,, ...	198	143	123	15	39	21	34	73	21	64	57	132	205	112	100	75	1,412
24	188	Hurst, R. G.	,, ...	179	152	146	8	39	28	28	69	27	66	62	147	231	87	99	42	1,410
25	28	Collett, J. A.	London ...	195	155	147	14	37	35	34	62	14	77	40	142	218	100	57	79	1,406
26	233	Wyld, H. W.	Portsmouth...	180	148	168	13	36	32	30	80	29	80	98	177	113	66	89	52	1,389
27	111	Tinson, C. W.	London ...	155	148	111	16	38	16	30	73	22	74	94	191	175	117	65	62	1,387
28	66	Isaacson, E. W.	,, ...	200	187	105	13	36	29	31	87	23	72	66	192	62	82	97	82	1,364
29	87	Ovans, E. H.	,, ...	166	116	136	10	37	21	30	72	23	43	91	209	224	92	52	60	1,362
30	110	Lovett-Thomas, H. V.	,, ...	153	160	114	17	33	27	34	74	17	62	82	197	93	128	115	49	1,355
31	175	Fraser, J. G.	Portsmouth...	190	147	117	11	35	30	28	70	17	81	83	172	122	104	95	50	1,352

SUCCESSFUL CANDIDATES—*continued.*

Number In Order of Merit.	Number In Examination.	NAME.	Locality of Examination.	Arithmetic.	Algebra.	Geometry.	English. Handwriting.	English. Dictation.	English. Composition.	English. Reading.	French. Translation from and into.	French. Grammar.	French. Dictation and Speaking.	Scripture.	Optional. Mathematics.	Optional. Latin.	Optional. Geography.	Optional. English History.	Optional. Drawing.	Total.
							20	40	50	40	110	40	100							
		Maximum	... ...	250	200	200	150				250			100	300	300	150	150	100	2,150
		Minimum	... ...	125	80	80	60				100			40	—	—	—	—	—	—
32	192	Kane, R. H.	Portsmouth...	168	164	172	14	33	27	32	78	28	86	95	160	38	90	101	61	1,347
33	220	Underwood, A. C.	,, ...	191	193	140	11	29	22	25	62	15	59	55	212	60	118	96	50	1,338
34	179	Grant, D. W.	,, ...	204	140	113	10	35	24	30	69	19	69	51	214	96	104	109	59	1,337
35	116	Wharton, E. L.	London ...	153	144	82	14	30	23	33	74	15	66	62	198	217	95	76	54	1,336
36	101	Scott, C. M. L.	,, ...	205	155	126	9	35	20	35	67	18	52	88	180	88	122	93	42	1,335
37	18	Brooke, B. B.	,, ...	198	192	115	12	30	29	31	72	13	76	56	175	76	104	93	46	1,318
38	141	Adamthwaite, C. J.	Portsmouth...	127	149	137	12	32	34	26	78	26	53	95	116	202	79	100	30	1,296
39	23	Burrowes, A. F.	London ...	180	173	96	9	35	15	31	71	14	78	72	91	262	69	50	42	1,288
	159	Corlett, G.	Portsmouth...	190	145	120	11	32	38	33	65	23	59	82	186	28	106	119	51	1,288
	228	Willoughby, P. F.	,, ...	200	100	102	11	39	31	30	76	20	65	78	146	169	84	109	28	1,288

42	98	St. John, St. A. O.	London ...	153	195	136	9	31	18	31	80	11	62	79	185	80	64	117	31	1,282
43	229	Wilson, R. A.	Portsmouth...	170	162	160	11	26	24	24	60	22	62	60	161	28	111	121	73	1,275
44	183	Head, C. H. E.	London ...	159	142	126	9	24	23	30	57	18	61	75	208	42	123	98	67	1,262
45	147	Brooke, K. G.	Portsmouth...	194	144	124	9	26	31	28	61	26	43	82	138	67	117	119	49	1,261
46	97	Russell, J. W.	London ...	166	170	118	15	34	27	32	74	16	65	68	162	91	81	96	40	1,255
	103	Culme-Seymour, E.	,, ...	163	106	104	14	36	26	34	87	18	69	68	133	158	81	86	72	1,255
48	227	Willoughby, H. E. D. H.	Portsmouth...	144	145	107	15	35	32	30	88	15	86	98	116	120	66	88	64	1,249
49	42	Fanshawe, G. D.	London ...	138	130	119	14	34	31	33	74	25	74	99	137	74	107	110	45	1,244
50	2	Alexander, G. B.	,, ...	195	150	117	12	34	18	20	59	15	62	80	132	78	101	84	85	1,242
51	186	Holbrook, L. S.	Portsmouth...	175	192	119	16	37	32	27	63	29	48	41	182	65	56	104	54	1,240
52	178	Grant, A. D.	,, ...	177	136	138	9	30	25	30	55	16	70	84	147	46	103	113	59	1,238
	206	Shephard, H. L.	,, ...	156	136	116	13	37	19	34	81	25	78	73	85	133	101	104	47	1,238
54	212	Smith, P. H.	,, ...	194	109	132	14	36	27	28	66	14	67	63	120	67	86	106	95	1,224
55	156	Coates, H. V.	,, ...	167	153	122	12	35	18	24	84	21	74	72	163	36	93	96	47	1,217
56	224	Ward, J. E.		185	85	122	8	9	20	26	54	14	60	70	186	66	122	112	69	1,208
57	174	Forbes, R. D. F.	...	178	130	135	11	24	25	26	72	24	59	69	164	56	103	81	50	1,207
58	205	Russell, E. H.	,, ...	152	138	124	13	34	21	30	68	25	61	73	165	74	98	72	55	1,203
59	114	Watson, H. N.	London ...	150	124	106	7	30	24	31	73	29	66	74	138	102	80	101	60	1,195
60	223	Walsh, P.	Portsmouth...	171	125	136	12	37	16	36	49	19	43	81	156	95	92	95	35	1,192
61	48	Gibson, F. J. B.	London ...	186	140	119	9	25	23	28	72	13	44	66	136	104	83	89	52	1,189

II.—COLONIAL CANDIDATE—QUALIFIED.

...	185	Hodgins, S.	Portsmouth...	145	171	84	8	26	23	29	40	26	50	62	...	...	...	...	...	664

III.—SERVICE CANDIDATE—QUALIFIED.

Number In Order of Merit.	Number In Examination.	NAME.	Locality of Examination.	Arithmetic.	Algebra.	Geometry.	English. Handwriting.	English. Dictation.	English. Composition.	English. Reading.	French. Translation from and into.	French. Grammar.	French. Dictation and Speaking.	Scripture.	Optional. Mathematics.	Optional. Latin.	Optional. Geography.	Optional. English History.	Optional. Drawing.	Total.
							20	40	50	40	110	40	100							
		Maximum	... ...	250	200	200	150				250			100	300	300	150	150	100	2,150
		Minimum	... ...	125	80	80	60				100			40	—	—	—	—	—	—
E...	230	Woodward, G. C.	Portsmouth...	184	148	133	11	33	22	31	82	12	70	85	...	...	...	...	...	811

IV.—UNSUCCESSFUL CANDIDATES—QUALIFIED.

62	106	... ...	London ...	170	115	93	11	32	21	30	68	14	64	49	136	142	98	74	60	1,177
63	55	... ...	,, ...	191	166	105	8	31	30	29	64	15	54	85	132	40	77	102	46	1,176
64	148	... ...	Portsmouth...	154	113	129	14	35	29	30	70	11	70	80	116	95	83	86	59	1,174
65	16	... ...	London ...	150	132	121	10	34	24	34	74	27	74	99	102	34	122	71	58	1,166
	25	... ...	,, ...	178	106	102	10	39	23	35	63	13	51	57	154	159	44	89	43	1,166
67	100	... ...	,, ...	180	115	80	10	25	18	31	56	16	49	46	148	108	110	109	64	1,165
69	26	... ...	,, ...	127	180	100	13	34	20	27	81	33	79	64	134	119	48	56	48	1,163

70	12	...	...	...	...	...	...	...	London ...	132	101	111	6	36	14	32	90	18	91	96	114	132	82	71	34	1,160
71	49	...	...	...	...	...	...	...	,, ...	182	118	115	11	29	29	28	73	12	47	78	108	4	110	67	84	1,155
72	61	...	...	...	...	...	...	...	,, ...	167	125	82	10	18	25	26	70	16	31	59	108	141	123	78	63	1,142
73	47	...	...	...	...	...	...	...	,, ...	128	139	96	11	39	14	30	78	15	55	68	100	134	95	86	53	1,141
	189	...	...	...	...	...	...	...	Portsmouth...	162	85	114	15	35	34	27	74	23	63	64	76	123	94	110	42	1,141
75	81	...	...	...	...	...	...	...	London ...	127	118	106	10	33	31	30	75	12	73	72	108	87	60	93	44	1,139
76	52	...	...	...	...	...	...	...	,, ...	126	170	125	11	40	18	30	55	17	39	79	86	110	87	95	50	1,138
77	40	...	...	...	...	...	...	...	,, ...	187	111	89	12	34	27	30	73	16	61	43	57	207	56	93	38	1,134
	109	...	...	...	...	...	...	...	,, ...	171	136	124	12	26	33	29	65	21	56	62	106	135	62	47	49	1,134
	193	...	...	...	...	...	...	...	Portsmouth...	147	140	120	11	30	23	33	90	23	72	86	117	18	87	78	59	1,134
80	104	...	...	...	...	...	...	...	London ...	175	96	98	12	36	19	31	71	16	61	93	87	90	98	90	54	1,127
83	71	...	...	...	...	...	...	...	,, ...	182	81	83	10	34	34	31	69	8	57	64	114	142	112	52	46	1,119
84	219	...	...	...	...	...	...	...	Portsmouth...	157	161	125	8	24	24	26	71	14	53	69	115	22	94	120	29	1,112
85	195	...	...	...	...	...	...	...	,, ...	164	137	112	12	29	33	32	48	16	62	73	98	46	90	90	67	1,109
86	27	...	...	...	...	...	...	...	London ...	150	164	105	9	26	16	24	58	21	71	59	173	78	47	33	74	1,108
87	36	...	...	...	...	...	...	...	,, ...	145	161	102	10	34	15	31	60	25	64	88	172	46	66	84	60	1,103
89	19	...	...	...	...	...	...	...	,, ...	138	161	114	12	37	27	33	71	12	51	70	100	94	66	50	52	1,088
91	38	...	...	...	...	...	...	...	,, ...	190	154	100	12	31	26	32	57	17	58	53	128	42	47	88	41	1,076
94	31	...	...	...	...	...	...	...	,, ...	140	137	126	14	31	16	30	57	21	64	53	113	82	44	63	42	1,063
96	96	...	...	...	...	...	...	...	,, ...	169	160	89	11	25	23	30	60	3	53	53	155	28	86	79	31	1,055
97	213	...	...	...	...	...	...	...	Portsmouth...	139	118	121	10	34	25	29	64	13	59	77	96	40	85	110	32	1,052
102	64	...	...	...	...	...	...	...	London ...	140	113	91	15	33	37	31	72	10	56	71	125	18	86	99	37	1,034
103	76	...	...	...	...	...	...	...	,, ...	128	90	105	14	29	17	30	68	14	61	74	72	105	92	63	63	1,025
	157	...	...	...	...	...	...	...	Portsmouth...	189	155	86	14	37	21	26	62	16	53	55	85	54	88	84	...	1,025

UNSUCCESSFUL CANDIDATES—*continued.*

Number		NAME.	Locality of Examination.	Arithmetic.	Algebra.	Geometry.	English.				French.			Scripture.	Optional.						Total.
In Order of Merit.	In Examination.						Handwriting.	Dictation.	Composition.	Reading.	Translation from and into.	Grammar.	Dictation and Speaking.		Mathematics.	Latin.	Geography.	English History.	Drawing		
							20	40	50	40	110	40	100								
		Maximum	... ...	250	200	200	150				250			100	360	300	150	150	100		2,150
		Minimum	... ...	125	80	80	60				100			40	—	—	—	—	—		..
107	191	... ...	Portsmouth...	148	142	124	13	31	22	31	62	11	61	74	90	6	62	79	55		1,011
108	170	... ...	,, ...	177	85	104	13	30	17	25	51	10	61	76	69	105	47	72	50		992
109	11	... ...	London ...	145	82	113	11	33	10	26	56	20	62	66	110	66	57	75	58		990
110	70	... ...	,, ...	137	127	90	7	37	36	26	73	22	58	59	75	...	92	80	70		989
114	67	... ...	,, ...	150	111	92	11	29	19	28	64	8	62	45	179	14	84	34	30		960
115	88	... ...	,, ...	175	84	102	7	24	14	28	61	15	59	73	102	8	76	78	45		951
119	73	... ...	,, ...	132	122	101	12	26	31	31	48	18	48	50	78	10	86	53	68		914
142	84	... ...	,, ...	134	82	91	12	33	19	31	67	14	63	47	87	10	53	31	36		810

V.—CANDIDATES NOT QUALIFIED.

67	127	...	...	...	...	...	...	...	London ...	105	144	83	15	38	34	31	76	18	74	59	91	161	83	93	60	1,165
81	74	...	...	...	...	...	...	...	,, ...	113	148	51	9	38	21	32	89	21	67	63	112	231	43	45	42	1,125
82	169	...	...	...	...	...	...	...	Portsmouth...	150	63	84	14	36	37	33	63	19	65	61	92	208	52	121	22	1,120
88	144	...	...	...	...	...	...	...	,, ...	107	151	121	11	33	18	25	61	14	43	66	92	97	90	102	60	1,091
90	24	...	...	...	...	...	...	...	London ...	138	74	83	12	39	27	30	75	17	59	57	100	187	67	67	50	1,082
92	214	...	...	...	...	...	...	...	Portsmouth...	170	94	54	12	35	29	26	78	6	78	82	136	70	78	85	42	1,075
93	118	...	...	...	...	...	...	...	London ...	153	67	128	10	22	20	30	87	19	73	57	167	40	77	46	71	1,067
95	119	...	...	...	...	...	...	...	,, ...	104	111	122	12	31	20	31	69	7	55	100	83	68	104	89	55	1,061
97	202	...	...	...	...	...	...	...	Portsmouth...	190	146	118	11	25	20	28	42	10	35	54	160	42	80	54	37	1,052
99	29	...	...	...	...	...	...	...	London ...	110	88	116	13	21	31	32	46	17	35	57	121	70	134	82	74	1,047
100	222	...	...	...	...	...	...	...	Portsmouth...	142	64	100	12	31	34	28	67	13	63	55	133	69	91	112	32	1,046
101	45	...	...	...	...	...	...	...	London ...	151	58	100	8	39	27	29	91	20	80	69	54	95	63	86	70	1,040
105	201	...	...	...	...	...	...	...	Portsmouth...	64	130	118	11	37	34	29	77	20	64	78	106	16	100	68	68	1,020
106	200	...	...	...	...	...	...	...	,, ...	150	132	130	13	20	24	28	32	19	40	86	98	54	53	90	44	1,013
110	150	...	...	...	...	...	...	...	,, ...	111	81	74	12	24	26	30	70	21	62	66	103	76	75	92	66	989
112	126	...	..	...	...	...	...	...	London ...	95	36	104	11	39	24	34	62	16	70	51	14	251	63	43	70	983
113	99	...	...	...	...	...	...	...	,, ...	192	41	60	9	35	19	33	63	5	62	85	31	92	105	114	28	974
116	4	...	...	...	...	...	...	...	,, ...	128	64	117	15	36	23	24	44	3	44	82	101	34	88	37	89	929
117	203	...	...	...	...	...	...	...	Portsmouth...	133	96	137	7	31	18	27	42	5	47	55	119	34	89	57	28	925
118	167	...	...	...	...	...	...	...	,, ...	123	92	94	12	35	23	28	37	19	53	72	41	42	92	117	44	924

CANDIDATES NOT QUALIFIED—*continued.*

Number		NAME.	Locality of Examination.	Arithmetic.	Algebra.	Geometry.	English.				French.			Scripture.	Optional.					
In Order of Merit.	In Examination.						Handwriting.	Dictation.	Composition.	Reading.	Translation from and into.	Grammar.	Dictation and Speaking.		Mathematics.	Latin.	Geography.	English History.	Drawing.	Total.
							20	40	50	40	110	40	100							
		Maximum	... ...	250	200	200	150				250			100	300	300	150	150	100	2,150
		Minimum	... ...	125	80	80	60				100			40	—	—	—	—	—	—
120	149	... ...	Portsmouth...	106	147	118	7	20	21	25	52	4	32	43	91	12	72	105	45	900
121	93	... ...	London ...	59	101	114	8	30	16	28	73	22	74	69	94	48	44	66	52	898
122	112	... ...	,, ...	122	21	92	14	36	28	29	57	12	55	63	36	117	67	92	48	889
123	9	... ...	,, ...	130	64	90	13	36	10	24	65	18	59	56	23	68	81	108	37	882
	53	... ...	,, ...	118	115	116	9	32	22	30	47	14	60	40	63	88	47	21	60	882
	121	... ...	,, ...	103	93	112	12	22	23	28	56	15	46	44	69	79	82	18	80	882
126	6	... ...	,, ...	137	53	50	10	23	22	27	54	14	30	78	64	73	118	84	41	878
127	65	... ...	,, ...	118	107	99	9	19	16	27	58	11	67	66	113	2	47	49	57	865
	83	... ...	,, ...	97	118	109	10	29	28	31	53	5	45	41	116	6	71	80	26	865
129	160	... ...	Portsmouth...	142	43	98	11	23	29	24	48	6	40	60	71	18	101	93	57	864

130	172	... ...	Portsmouth ...	134	82	106	13	19	27	29	32	12	41	93	46	18	76	104	26	858
131	120	... ...	London ...	123	38	90	11	36	26	29	69	13	51	47	27	117	69	66	41	856
132	152	... ...	Portsmouth...	171	72	96	9	32	22	31	50	10	50	65	70	4	67	61	42	852
133	177	... ...	,, ...	116	47	81	14	35	28	26	35	12	58	66	82	4	82	110	53	849
134	122	... ...	London ...	91	95	93	11	29	27	27	54	9	43	44	33	79	91	51	65	842
135	164	... ...	Portsmouth...	124	63	81	8	31	27	32	49	22	53	63	54	28	76	77	50	838
136	123	... ...	London ...	88	55	62	11	20	17	30	65	0	54	72	31	117	98	68	40	828
137 {	58	... ...	,, ...	97	99	107	11	36	24	31	52	11	62	52	56	32	59	37	60	826
	215	... ...	Portsmouth...	113	65	103	9	31	22	25	43	7	41	56	58	20	79	102	52	826
139	226	... ...	,, ...	99	85	107	11	28	26	27	52	5	57	55	112	4	59	74	21	822
140	125	... ...	London ...	92	0	43	13	33	26	34	67	8	63	68	10	200	66	53	44	820
141	57	... ...	,, ...	112	164	40	11	31	29	30	67	10	67	40	81	14	20	57	44	817
143	35	... ...	,, ...	145	41	92	6	31	28	30	41	4	20	49	75	60	63	65	39	795
144	165	... ...	Portsmouth ...	140	98	70	13	25	31	27	32	14	36	50	97	6	41	64	35	786
145	204	... ...	,, ...	145	80	88	11	14	21	27	36	8	41	58	65	30	52	55	46	777
146	1	... ...	London ...	99	32	66	11	40	24	20	67	10	54	79	26	91	45	85	15	764
147	105	... ...	,, ...	114	81	81	10	31	24	31	42	3	39	26	44	74	44	53	57	754
148	79	... ...	,, ...	79	105	105	14	18	20	26	35	10	41	41	62	14	75	54	50	749
149	108	... ...	,, ...	96	80	94	9	26	18	28	54	9	30	49	76	14	52	47	55	737
150	211	... ...	Portsmouth ...	108	67	99	6	17	21	28	44	9	45	40	18	16	94	77	39	728
151 {	46	... ...	London ...	151	94	74	11	35	16	26	29	6	36	48	29	8	73	53	55	724
	75	... ...	,, ...	109	114	84	8	16	16	22	28	0	22	41	84	10	58	56	60	724
153	102	... ...	,, ...	93	11	86	6	19	26	33	62	0	58	81	19	8	91	56	72	721
154	171	... ...	Portsmouth...	111	73	115	8	17	15	31	18	0	22	41	58	2	77	86	43	720

CANDIDATES NOT QUALIFIED—*continued.*

Number		NAME.	Locality of Examination.	Arithmetic.	Algebra.	Geometry.	English.				French.			Scripture.	Optional.					
In Order of Merit.	In Examination.						Handwriting.	Dictation.	Composition.	Reading.	Translation from and into.	Grammar.	Dictation and Speaking.		Mathematics.	Latin.	Geography.	English History.	Drawing.	Total.
							20	40	50	40	110	40	100							
		Maximum	... ...	250	200	200	150				250			100	300	300	150	150	100	2,150
		Minimum	... ...	125	80	80	60				100			40	—	—	—	—	—	—
155	131	... ...	London ...	96	46	99	12	19	27	32	47	3	39	28	15	63	80	53	60	719
156	217	... ...	Portsmouth..	135	97	88	8	0	13	31	15	0	22	63	84	10	64	28	54	712
157	153	... ...	,, ...	107	122	100	7	3	12	29	19	0	33	46	82	0	52	30	39	681
158	146	... ...	,, ...	116	63	36	10	37	20	32	45	7	54	48	38	38	43	58	32	677
159	43	... ...	London ...	92	58	53	10	30	15	29	44	13	45	62	48	12	59	25	56	651
160	37	... ...	,, ...	115	80	33	11	37	15	29	33	15	51	32	26	65	23	52	31	648
161	130	... ...	,, ...	54	22	65	8	37	13	33	64	11	76	55	26	18	69	57	37	645
162	198	... ...	Portsmouth...	77	90	72	15	32	14	25	30	2	39	32	58	0	58	64	32	640
163	161	... ...	,, ...	81	10	38	15	31	33	30	49	2	57	58	0	16	62	74	66	622
164	208	... ...	,, ...	98	52	92	9	0	10	31	25	0	34	41	58	4	63	45	32	594

165	60	...	...	...	...	...	...	...	London ...	28	53	61	5	26	12	25	50	12	62	41	36	46	42	15	33	547
166	10	...	...	...	...	...	...	..	,, ...	125	12	58	10	32	18	21	25	0	27	26	0	44	32	57	41	531
167	63	...	...	...	...	...	...	...	,, ...	41	12	13	8	35	18	30	58	14	60	66	6	8	52	60	18	499
168	142	...	...	...	...	...	...	...	Portsmouth...	20	20	86	8	24	14	28	25	0	29	44	16	0	49	73	54	490
169	166	..	...	...	...	...	...	...	,, ...	85	15	42	13	32	26	24	10	0	12	38	22	8	27	91	39	484
170	124	..	...	...	...	...	...	...	London ...	58	6	72	8	23	18	20	56	0	13	20	4	20	51	49	60	478
171	225	...	...	...	...	...	...	...	Portsmouth...	48	87	34	10	19	9	28	0	0	17	26	84	6	12	33	35	448
172	13	...	...	...	...	...	...	...	London ...	65	27	81	12	11	13	29	17	0	21	18	16	2	62	19	50	443
173	91	...	..	...	...	...	...	..	,, ...	105	22	68	6	0	11	17	20	0	15	42	12	4	39	35	30	426
174	15	...	...	..	...	...	...	...	,, ...	36	74	68	7	26	13	27	10	5	35	38	20	6	28	8	24	425
175	151	...	...	...	...	...	...	..	Portsmouth...	34	43	0	5	28	20	31	22	0	41	67	18	10	39	39	24	421
176	86	...	...	..	...	...	...	..	London ...	5	0	94	14	23	23	26	19	0	13	59	...	28	28	56	20	399
177	85	...	...	...	..	...	...	...	,, ...	75	0	6	11	22	18	32	35	0	21	41	27	8	27	15	29	367
178	32	...	...	...	...	...	...	...	,, ...	0	0	20	9	26	13	29	14	0	23	21	0	2	11	21	34	226

VI.—COLONIAL CANDIDATE—NOT QUALIFIED.

...	129	...	...	...	...	...	...	...	London ...	120	92	56	7	23	16	22	57	5	34	41	...	...	...	..	...	473

VII.—SERVICE CANDIDATE—NOT QUALIFIED.

...	115	...	...	...	...	...	...	...	London ...	114	142	116	8	25	13	29	54	17	59	55	...	...	...	..	...	632

CIVIL SERVICE COMMISSION,
3rd July, 1896.

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